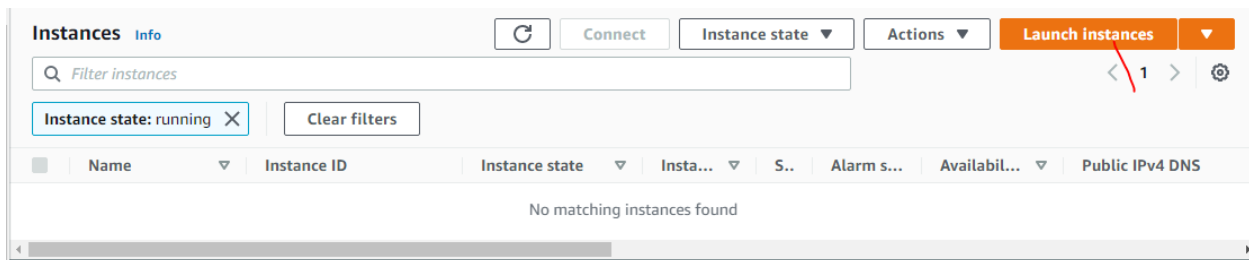


Lets upgrade-Day-2 assignment

Assignment 2
Working With EC2
Create an ec2 instance and display instance details
Enable termination protection
terminate you instance after disbling termination protection

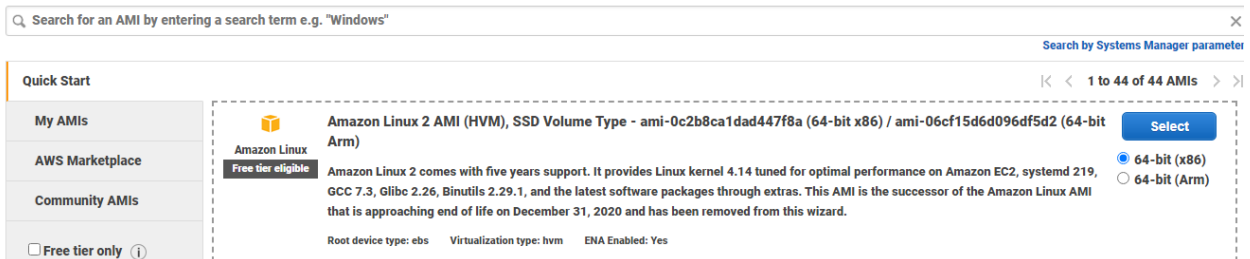
Steps –



Step 1: Choose an Amazon Machine Image (AMI)

[Cancel and Exit](#)

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. You can select an AMI provided by AWS, our user community, or the AWS Marketplace; or you can select one of your own AMIs.



3: Configure Instance Details

Placement group	<div><div></div><div></div></div>	<input type="checkbox"/> Add instance to placement group	
Capacity Reservation	<div><div></div><div></div></div>	Open	
Domain join directory	<div><div></div><div></div></div>	No directory	<div><div></div><div></div></div> Create new directory
IAM role	<div><div></div><div></div></div>	None	<div><div></div><div></div></div> Create new IAM role
Shutdown behavior	<div><div></div><div></div></div>	Stop	
Stop - Hibernate behavior	<div><div></div><div></div></div>	<input type="checkbox"/> Enable hibernation as an additional stop behavior	
Enable termination protection	<div><div></div><div></div></div>	<input checked="" type="checkbox"/> Protect against accidental termination	
Monitoring	<div><div></div><div></div></div>	<input type="checkbox"/> Enable CloudWatch detailed monitoring Additional charges apply.	
Tenancy	<div><div></div><div></div></div>	Shared - Run a shared hardware instance Additional charges will apply for dedicated tenancy.	
Elastic Inference	<div><div></div><div></div></div>	<input type="checkbox"/> Add an Elastic Inference accelerator Additional charges apply.	

Step 2: Choose an Instance Type

Amazon EC2 provides a wide selection of instance types optimized to fit different use cases. Instances are virtual servers that can run applications. They have varying combinations of CPU, memory, storage, and networking capacity, and give you the flexibility to choose the appropriate mix of resources for your applications. [Learn more](#) about instance types and how they can meet your computing needs.

Filter by:

All instance families

Current generation

[Show/Hide Columns](#)

Currently selected: t2.micro (- ECUs, 1 vCPUs, 2.5 GHz, -, 1 GiB memory, EBS only)

	Family	Type	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance	IPv6 Support
<input type="checkbox"/>	t2	t2.nano	1	0.5	EBS only	-	Low to Moderate	Yes
<input checked="" type="checkbox"/>	t2	t2.micro Free tier eligible	1	1	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.small	1	2	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.medium	2	4	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.large	2	8	EBS only	-	Low to Moderate	Yes

[Cancel](#) [Previous](#) [Review and Launch](#) [Next: Configure Instance Details](#)

▼ Instance details Info

Platform Amazon Linux (Inferred)	AMI ID ami-0c2b8ca1dad447f8a	Monitoring disabled
Platform details Linux/UNIX	AMI name amzn2-ami-hvm-2.0.20210721.2-x86_64-gp2	Termination protection Disabled
Launch time Mon Aug 02 2021 03:58:07 GMT+0530 (India Standard Time) (6 minutes)	AMI location amazon/amzn2-ami-hvm-2.0.20210721.2-x86_64-gp2	Lifecycle normal
Stop-hibernate behavior disabled	AMI Launch index 0	Key pair name manu1234
State transition reason -	Credit specification standard	Kernel ID -
State transition message -	Usage operation RunInstances	RAM disk ID -
Owner	ClassicLink	Enclaves Support

⊗ Failed to terminate an instance: The instance 'i-098032de6c0df3097' may not be terminated. Modify its 'disableApiTermination' instance attribute and try again.

Instances (1/2) Info

Q Filter instances

<input type="checkbox"/>	Name	Instance ID	Instance state	Insta...	S..	Alarm s...	Availabil...	Public IPv4 DNS
<input type="checkbox"/>	server1	i-06ec2efb192fb4c49	Terminated	t2.micro	-	No a...	us-east-1a	-
<input checked="" type="checkbox"/>	server	i-098032de6c0df3097	Running	t2.micro	2/	No a...	us-east-1a	-

✔ Disabled termination protection for i-098032de6c0df3097

Instances (2) Info

Q Filter instances

<input type="checkbox"/>	Name	Instance ID	Instance state	Insta...	S..	Alarm s...	Availabil...	Public IPv4 DNS
<input type="checkbox"/>	server1	i-06ec2efb192fb4c49	Terminated	t2.micro	-	No a...	us-east-1a	-
<input type="checkbox"/>	server	i-098032de6c0df3097	Running	t2.micro	2/	No a...	us-east-1a	-

```

Manu@ms-HP MINGW64 ~/Downloads
$ ssh -i manu1234.pem ec2-user@54.86.37.74
The authenticity of host '54.86.37.74 (54.86.37.74)' can't be established.
ED25519 key fingerprint is SHA256:Yusc1JHfy9VLMqUNVKBBVius5NIy60x3ErggCuFJeHE.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '54.86.37.74' (ED25519) to the list of known hosts.

  _ | _ | _ )
  _ | ( _ /   Amazon Linux 2 AMI
 _ | \ _ | _ |

https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-10-0-0-148 ~]$ |

```

<input checked="" type="checkbox"/>	server	i-098032de6c0df3097	Terminated	t2.micro	-	No a...	+	us-east-1a	-
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Steps-

Elastic Beanstalk > Applications

All applications

Actions

Create a new application

Filter results matching the display values

<1>

	Application name	Environments	Date created	Last modified	ARN
<div></div>	my-eb	Myeb	2021-08-02 04:25:28 UTC+0530	2021-08-02 04:25:28 UTC+0530	arn:aws:elasticbeanstalk:us-east-1:543509858019:application/my-eb

Elastic Beanstalk



Environments

Applications

Change history

my-ebs

Application versions

Saved configurations

Myebs-env

Elastic Beanstalk > Environments > Myebs-env



Creating Myebs-env

This will take a few minutes. .

4:25am Using elasticbeanstalk-us-east-1-543509858019 as Amazon S3 storage bucket for environment data.

4:25am createEnvironment is starting.

Recent events

Show all

< 1 >

Time	Type	Details
2021-08-02 04:26:47 UTC+0530	INFO	Environment health has transitioned to Pending. Initialization in progress (running for 35 seconds). There are no instances.
2021-08-02 04:26:35 UTC+0530	INFO	Launched environment: Myebs-env. However, there were issues during launch. See event log for details.
2021-08-02 04:26:33 UTC+0530	ERROR	Creating Auto Scaling group failed Reason: You must use a valid fully-formed launch template. No default subnet for availability zone: 'us-east-1d'. (Service: AmazonAutoScaling; Status Code: 400; Error Code: ValidationError; Request ID: 0adb7e47-a940-444d-98ae-75d2fbceb8e8; Proxy: null)
2021-08-02 04:26:33 UTC+0530	ERROR	Stack named 'awseb-e-jm2upyetud-stack' aborted operation. Current state: 'CREATE_FAILED' Reason: The following resource(s) failed to create: [AWSEBV2LoadBalancer, AWSEBAutoScalingGroup].
2021-08-02 04:26:17 UTC+0530	INFO	Created security group named: awseb-e-jm2upyetud-stack-AWSEBSecurityGroup-11KVI634PKX7O